Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 09 Jul 2023 until 23:59 on Monday 10 Jul 2023

Forecast Issued on Saturday 08 Jul 2023 at 13:49

Confidence: High for unsettled weather to continue for the next few days, but lower confidence in rain and shower details.

Headline for Sunday 09 Jul 2023: Dry and cloudy to start with some sunny spells, before heavy and thundery showers move in through the afternoon.

Mountain weather hazards on Sunday 09 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
High Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Fog	Cloudy	Cloudy	Thundery showers	Thundery showers	Thundery showers	Partly cloudy (night)
Precipitation probability							
10%	10%	<05%	<05%	30%	70%	60%	10%

Forecast for Sunday 09 Jul 2023

Weather: Cloudy overnight, with some low cloud and fog affecting western slopes early on. Low cloud soon clearing after sunrise, with one or two breaks in high cloud giving sunny spells through the morning and early afternoon. Heavy and thundery showers then push in from the southwest through the afternoon, fairly frequent at first but becoming more isolated into the evening, with hail and gusty winds also possible at times. Dry overnight.

Chance of cloud-free hill tops above 600m: 30% western slopes early, 80% elsewhere. Becoming 90% everywhere through the morning.

Low cloud and visibility: Banks of low cloud cover western slopes first thing, with cloud bases down to 300-400m. This soon clearing, with broken high cloud comfortably above summits, and remaining so for the rest of the day. Visibility generally very good, but falling to poor or very poor in early low cloud and afternoon heavy showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 09 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/14 S	8/11 SW	9/12 SW	11/15 SW	10/15 SW	11/17 S	9/14 SW	9/13 SW	10/14 SW
300	6/10 S	5/9 SW	6/8 SW	7/11 SW	9/14 S	12/21 SW	7/11 W	6/10 SW	6/10 SW
Valley	3/8 SE	3/7 S	4/8 SW	6/11 SW	7/13 SW	10/19 SW	5/10 W	3/9 SW	4/10 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/13	13/12	13/11	14/12	16/14	17/14	15/13	13/11	11/9
300	16/16	15/14	14/14	16/15	18/17	19/16	17/16	15/14	13/12
Valley	16/16	15/16	15/15	18/17	20/19	20/18	17/17	14/14	14/13
Freezing Level*	2700m	2600m	2400m	2400m	2500m	2600m	2500m	2400m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Heavy downpours, lightning, hail and gusty winds near showers will make for extremely treacherous walking conditions during the afternoon and evening. High UV levels are forecast, so having sun protection is essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 08 Jul 2023	0.8mm	0.8mm	1mm

Forecast for Monday 10 Jul 2023

Weather: After a dry and cloudy start with some sunny spells, a band of rain and blustery showers moves across the region from the southwest through the afternoon, giving some heavy and persistent rain. Showers becoming more sporadic into the evening.

Maximum wind: Southwesterly 15-20 mph, gusting up to 25-30 mph.

Chance of cloud-free hill tops above 600m: 80%.

Low cloud and visibility: Cloud remaining comfortably above summits, albeit lowering at times in heavy rain during the afternoon and evening. Visibility generally good at first, becoming poor in rain and showers later.

Temperature: **Valleys:** Plus 12 Celsius, rising to Plus 18 Celsius.
At 600m: Plus 10 Celsius, rising to Plus 15 Celsius.
Freezing level: Above summits.

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